

Substitute Form PTO-1449 (Revised)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 11989-008001	Application No. 10/071,585
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR 1.98(b))		Applicant Marek Kwiatkowski	
		Filing Date February 8, 2002	Group Art Unit 1646

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>[Signature]</i>	AA	5,319,079	06/07/94	Reddy et al.			
	AB	5,801,237	09/01/98	Johansson			
	AC	5,892,007	04/06/99	Ramage			
	AD	5,977,400	11/02/99	DeWitt et al.			
	AE	6,309,836	10/30/01	Kwiatkowski			

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**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AF	WO 92/09615	06/11/92	PCT				
	AG	WO 98/08857	03/05/98	PCT				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AH	Aldrian-Herrada et al., "Solid-phase Synthesis of Peptide Nucleic Acid (PNA) Monomers and Their Oligomerization Using Disulphide Anchoring Linkers," <u>J. Peptide Sci.</u> , 1998, 4:266-281
	AI	Bannwarth and Wippler, "A New Combined Purification/Phosphorylation Procedure for Oligodeoxynucleotides," <u>Helvetica Chimica Acta</u> , 1990, 73:1139-1147
	AJ	Bergseid et al., "Small Molecule-Based Chemical Affinity System for the Purification of Proteins," <u>BioTechniques</u> , 2000, 29(5):1126-1133
	AK	Connolly, "Solid Phase 5'-Phosphorylation of Oligonucleotides," <u>Tetrahedron Lett.</u> , 1987, 28(4):463-466
	AL	Ducharme and Harrison, "A Versatile Approach to the Synthesis of Dinucleotide Analogs Containing Neutral 5'-Thioformacetal Internucleoside Linkages," <u>Tetrahedron Lett.</u> , 1995, 36(37):6643-6646
	AM	Greenberg, "Photochemical Cleavage of Oligonucleotides From Solid Phase Supports," <u>Tetrahedron Lett.</u> , 1993, 34:251-254
	AN	Horn and Urdea, "Solid supported hydrolysis of apurinic sites in synthetic oligonucleotides for rapid and efficient purification on reverse-phase cartridges," <u>Nucleic Acids Res.</u> , 1988, 16(24):11559-11571
	AO	Horn et al., "An improved divergent synthesis of comb-type branched oligodeoxyribonucleotides (bDNA) containing multiple secondary sequences," <u>Nucleic Acids Res.</u> , 1997, 25(23):4835-4841
	AP	Horn and Urdea, "A Simple Solid-Phase Based Purification Procedure for Oligodeoxynucleotides," Chiron Diagnostics, 2 pgs.
	AQ	Kwiatkowski et al., "Synthesis of full-length oligonucleotides: cleavage of apurinic molecules on a novel support," <u>Nucleic Acids Res.</u> , 1996, 24(23):4632-4638

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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) <b>SEP 26 2002</b> OFFICE (37 CFR 1.98(b)) PATENT & TRADEMARK OFFICE	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 11989-008001	Application No. 10/071,585
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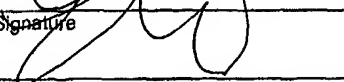
**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
gm	AR	Kwiatkowski et al., "Inversion of <i>in situ</i> synthesized oligonucleotides: improved reagents for hybridization and primer extension in DNA microarrays," <u>Nucleic Acids Res.</u> , 1999, 27(24):4710-4714
	AS	Markiewicz et al., "Tetra- <i>t</i> -butoxydisiloxane-1,3-diyl, a new type of bifunctional silyl protective group," <u>Nucleic Acids Res., Symposium Series No. 18</u> , 1987, pp. 149-152
	AT	Morag et al., "Immobilized Nitro-avidin and Nitro-streptavidin as Reusable Affinity Matrices for Application in Avidin-Biotin Technology," <u>Analyt. Biochem.</u> , 1996, 243:257-263
	AU	Nilsson et al., "Padlock probes reveal single-nucleotide differences, parent of origin and <i>in situ</i> distribution of centromeric sequences in human chromosomes 13 and 21," <u>Nature Genetics</u> , 1997, 16:252-255
	AV	Schmidt et al., "The 4-Decyloxytrityl Group as an Aid in the Affinity Chromatography of Synthetic Oligonucleotides," <u>Nucleosides &amp; Nucleotides</u> , 1988, 7(5 & 6):795-799
	AW	Sears and Wong, "Toward Automated Synthesis of Oligosaccharides and Glycoproteins," <u>Science</u> , 2001, 291:2344-2350
	AX	Sinha et al., "Polymer support oligonucleotide synthesis XVIII <sup>1,2</sup> : use of $\beta$ -cyanoethyl-N,N-dialkylamino-N-morpholino phosphoramidite of deoxynucleosides for the synthesis of DNA fragments simplifying deprotection and isolation of the final product," <u>Nucleic Acids Res.</u> , 1984, 12(11):4539-4557
	AY	Veeneman et al., "An Efficient Approach to the Synthesis of Thymidine Derivatives Containing Phosphate-Isosteric Methylene Acetal Linkages," <u>Tetrahedron</u> , 1991, 47(8):1547-1562

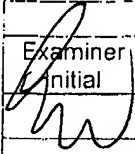
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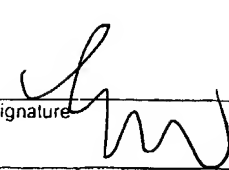
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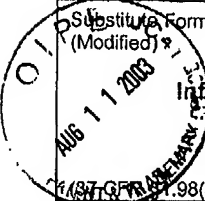
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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date
	AA	4,997,927	03 05 91	Blocker et al.			
	AB						
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	AH							

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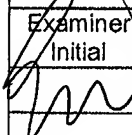
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	AL	WO 00/46231	08/10/00	PCT				
	AM	WO02/063030	08/15/02	PCT				
	AN							
	AO							
	AP							

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